

Docket File

SEPTEMBER 4 1979

RETURN TO REACTOR DOCKET
FILES

Docket No. 50-261

Mr. J. A. Jones
Senior Vice President
Carolina Power and Light Company
336 Fayetteville Street
Raleigh, North Carolina 27602

Dear Mr. Jones:

The Commission has issued the enclosed Amendment No. 46 to Facility Operating License No. DPR-23 for the H. B. Robinson Steam Electric Plant, Unit No. 2. The amendment is in response to your application dated April 18, 1979.

The amendment consists of a change to the license which adds a phrase to the Fire Protection license condition specifying that the licensee will complete the modifications identified in Paragraphs 3.1.1 through 3.1.27 of the NRC's Fire Protection Safety Evaluation (SE) dated February 28, 1978, and supplements thereto.

In response to your letter dated April 27, 1979, we have issued Supplement No. 1 to the NRC Fire Protection Safety Evaluation. This supplement authorizes a limited extension of the completion dates for certain plant modifications which we have required at H. B. Robinson, Unit No. 2.

Although we are granting extensions for two items, in late 1976, we set October 1980 as the date for completing the implementation of all modifications associated with this program. This implementation schedule recognized that such modifications should be completed as soon as practical, with due consideration of the nature of the modifications. For example, minor modifications, adoption of administrative controls and additional portable equipment would be completed within six months; however, major modifications would require a year or more to complete and some modifications would be coordinated with refueling outages.

By their Memorandum and Order in the matter of the Union of Concerned Scientists' Petition for Emergency and Remedial Action dated April 13, 1978, the Commission directed the staff to use their best efforts to maintain this schedule, and also directed that the Commission be advised if any slippage is anticipated, along with suggested corrective actions.

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We urge you, therefore, to apply your best efforts to maintain your schedule for completion of all of the fire protection modifications at your facility and to submit, on an expedited basis, any information that is still outstanding with regard to open items and required design details.

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OFFICE >

SURNAME >

DATE >

- 2 -

Copies of our related Supplement No. 1 to the Fire Protection Safety Evaluation and the Notice of Issuance are also enclosed.

Sincerely,

Original Signed By

A. Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors

Enclosures:

1. Amendment No. 40 to
License No. DPR-23
2. Supplement No. 1 to the
February 28, 1978, Fire
Protection Safety Evaluation
3. Notice of Issuance

cc: w/enclosures
See next page

OFFICE >

SURNAME >

DATE >

Distribution

Docket	T. J. Carter	D. Brinkman (STS Group)
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NRR Rdg	Attorney, OELD	OPA Clare Miles
D. Eisenhut	OI&E (5)	R. Diggs
B. Grimes	B. Jones (4)	H. R. Denton
W. Gammill	B. Scharf (6)	T. Wambach

Typed on Vydac

# 8	OFFICE ➤	ORB#1: DOR	ORB#1: DOR	ORB#1: DOR	DORAD: ORB	OELD	
	SURNAME ➤	DNeighbors: kb	PKreutzer	ASchwencer	WPGammill	B. Jones	F. Wambach
	DATE ➤	08/29/79	08/27/79	09/4/79	08/1/79	08/30/79	09/14/79



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

September 4, 1979

Docket No. 50-261

Mr. J. A. Jones
Senior Vice President
Carolina Power and Light Company
336 Fayetteville Street
Raleigh, North Carolina 27602

Dear Mr. Jones:

The Commission has issued the enclosed Amendment No. 40 to Facility Operating License No. DPR-23 for the H. B. Robinson Steam Electric Plant, Unit No. 2. The amendment is in response to your application dated April 18, 1979.

The amendment consists of a change to the license which adds a phrase to the Fire Protection license condition specifying that the licensee will complete the modifications identified in Paragraphs 3.1.1 through 3.1.27 of the NRC's Fire Protection Safety Evaluation (SE) dated February 28, 1978, and supplements thereto.

In response to your letter dated April 27, 1979, we have issued Supplement No. 1 to the NRC Fire Protection Safety Evaluation. This supplement authorizes a limited extension of the completion dates for certain plant modifications which we have required at H. B. Robinson, Unit No. 2.

Although we are granting extensions for two items, in late 1976, we set October 1980 as the date for completing the implementation of all modifications associated with this program. This implementation schedule recognized that such modifications should be completed as soon as practical, with due consideration of the nature of the modifications. For example, minor modifications, adoption of administrative controls and additional portable equipment would be completed within six months; however, major modifications would require a year or more to complete and some modifications would be coordinated with refueling outages.

By their Memorandum and Order in the matter of the Union of Concerned Scientists' Petition for Emergency and Remedial Action dated April 13, 1978, the Commission directed the staff to use their best efforts to maintain this schedule, and also directed that the Commission be advised if any slippage is anticipated, along with suggested corrective actions.

We urge you, therefore, to apply your best efforts to maintain your schedule for completion of all of the fire protection modifications at your facility and to submit, on an expedited basis, any information that is still outstanding with regard to open items and required design details.

~~44-10020-524~~

Mr. J. A. Jones

Carolina Power and Light Company - 2 -

September 4, 1979

Copies of our related Supplement No. 1 to the Fire Protection Safety Evaluation and the Notice of Issuance are also enclosed.

Sincerely,

A handwritten signature in cursive script, appearing to read "A. Schwencer".

A. Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors

Enclosures:

1. Amendment No. 40 to
License No. DPR-23
2. Supplement No. 1 to the
February 28, 1978, Fire
Protection Safety Evaluation
3. Notice of Issuance

cc: w/enclosures
See next page

Mr. J. A. Jones
Carolina Power and Light Company

- 3 -

September 4, 1979

cc: G. F. Trowbridge, Esquire
Shaw, Pittman, Potts and Trowbridge
1800 M Street, N.W.
Washington, D. C. 20036

Hartsville Memorial Library
Home and Fifth Avenues
Hartsville, South Carolina 29550

Mr. McCuen Morrell, Chairman
Darlington County Board of Supervisors
County Courthouse
Darlington, South Carolina 29535

John F. Wolf, Esquire, Chairman
3409 Shepherd Street
Chevy Chase, Maryland 20015

Dr. A. Dixon Callihan
Union Carbide Corporation
P. O. Box Y
Oak Ridge, Tennessee 37830

Dr. Richard F. Cole
Atomic Safety and Licensing Board
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Office of Intergovernmental Relations
116 West Jones Street
Raleigh, North Carolina 27603

Attorney General
Department of Justice
Justice Building
Raleigh, North Carolina 27602

Director, Technical Assessment Division
Office of Radiation Programs (AW-459)
U. S. Environmental Protection Agency
Crystal Mall #2
Arlington, Virginia 20460

U. S. Environmental Protection Agency
Region IV Office
ATTN: EIS COORDINATOR
345 Courtland Street, N.E.
Atlanta, Georgia 30308



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

CAROLINA POWER & LIGHT COMPANY

DOCKET NO. 50-261

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No.40
License No. DPR-23

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Carolina Power & Light Company (the licensee) dated April 18, 1979, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

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2. Accordingly, paragraph 3.E of Facility Operating License No. DPR-23 is hereby amended to read as follows:

E. The licensee may proceed with and is required to complete the modifications identified in Paragraphs 3.1.1 through 3.1.27 of the NRC's Fire Protection Safety Evaluation (SE) on the facility dated February 28, 1978, and supplements thereto. These modifications shall be completed as specified in Table 3.1 of the SE, and supplements thereto. In addition, the licensee shall submit the additional information identified in Table 3.2 of the SE in accordance with the schedule contained therein. In the event these dates cannot be met, the licensee shall submit a report, explaining the circumstances, together with a revised schedule.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in dark ink, appearing to read "A. Schwencer", is written over the typed name.

A. Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors

Date of Issuance: September 4, 1979

SUPPLEMENT NO. 1 TO THE FEBRUARY 28, 1978
FIRE PROTECTION SAFETY EVALUATION REPORT
BY THE OFFICE OF NUCLEAR REACTOR REGULATION
U. S. NUCLEAR REGULATORY COMMISSION
FACILITY OPERATING LICENSE NO. DPR-23
CAROLINA POWER & LIGHT COMPANY
H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261

September 4, 1979

7910020528

INTRODUCTION

By letter dated April 27, 1979, Carolina Power & Light Company (the licensee) requested a change to the NRC Fire Protection Safety Evaluation dated February 28, 1978, for the H. B. Robinson Steam Electric Plant, Unit No. 2. The proposed change would extend the completion dates for certain modifications required to improve the level of fire protection at the facility.

DISCUSSION AND EVALUATION

On February 28, 1978, the Commission issued Amendment No. 31 to License No. DPR-23 for H. B. Robinson Unit No. 2. The amendment added a condition to the license which required completion of the modifications identified in paragraphs 3.1.1 through 3.1.27 of the NRC's Fire Protection Safety Evaluation (FPSE) for H. B. Robinson Unit 2 dated February 28, 1978. All of these modifications were to have been completed by the end of the 1979 refueling outage. By letter dated April 27, 1979, the licensee requested a limited extension of the scheduled completion dates for item 3.1.21, Lube Oil Shielding System, and item 3.1.23, Battery Room Ventilation Air Flow Monitor, required by Table 3.1 of the FPSE. Because of unforeseen design problems for item 3.1.21 with the oil collection system on operability and maintainability of the reactor coolant pumps and motors on a long-term basis, the licensee stated that it was not possible to procure and install the modifications during the 1979 refueling outage. Also, during the procurement phase for item 3.1.23, the licensee stated that the required safety related fan motors could not be provided by the vendor on a schedule consistent with the schedule for completion of the modification.

The specific modifications for which the licensee requests the completion dates to be extended are as follows:

3.1.21 Lube Oil Shielding System

A lube oil spill protection and control system has been proposed to be installed around each reactor coolant pump motor to prevent contact of lube oil with hot pump surfaces.

3.1.23 Battery Room Ventilation Monitoring

Ventilation system supply and exhaust damper positions will be monitored. Combined with the existing ventilation fan status monitor, this will provide the required ventilation air flow monitor.

The licensee has requested, for the reasons stated above, that the completion date for item 3.1.21 be extended to October 31, 1980, and the completion date for item 3.1.23 be extended to October 1979.

SUMMARY

We have concluded that the limited extension of the schedules will not significantly affect the ability to safely shut down the reactor in the event of a fire, that the licensee has made a conscientious effort to fulfill his commitments on schedule, that the ability to combat fires has been improved, that the proposed changes to the modification dates do not change the bases or conclusions regarding the modifications, and, therefore, find the proposed limited schedule extensions acceptable.

ENVIRONMENTAL CONSIDERATION

We have determined that the amendment (i.e. one time, limited schedule extensions) does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR 51.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with this amendment.

CONCLUSION

We have concluded, based on the consideration discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously considered and does not involve a significant decrease in a safety margin, the amendment does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Attachment:
Table 3.1

Dated: September 4, 1979

TABLE 3.1
IMPLEMENTATION DATE FOR LICENSEE
PROPOSED MODIFICATIONS

<u>ITEM</u>	<u>DATE</u>
3.1.1 Fire Dampers. . . . .	.End of 1979 Refueling Outage
3.1.2 Fire Detectors. . . . .	.End of 1979 Refueling Outage
3.1.3 Fire Doors. . . . .	.End of 1979 Refueling Outage
3.1.4 Fire Retardant Cable Coating. . . . .	.End of 1979 Refueling Outage
3.1.5 Carbon Dioxide Extinguishing System . . . . .	.End of 1979 Refueling Outage
3.1.6 Automatic Sprinkler System. . . . .	.End of 1979 Refueling Outage
3.1.7 Preaction Sprinkler System. . . . .	.End of 1979 Refueling Outage
3.1.8 Storage of Combustible Materials. . . . .	.February 1978
3.1.9 Halon Extinguishing System. . . . .	.End of 1979 Refueling Outage
3.1.10 Interior Hose Stations. . . . .	.End of 1979 Refueling Outage
3.1.11 Portable Fire Extinguishers . . . . .	.End of 1979 Refueling Outage
3.1.12 Hydrogen Piping . . . . .	.End of 1979 Refueling Outage
3.1.13 Separate Fire Water Connection. . . . .	.End of 1979 Refueling Outage
3.1.14 Self-Contained Breathing Apparatus. . . . .	.End of 1979 Refueling Outage
3.1.15 Fire Fighting Equipment Storage Building. . . . .	.End of 1979 Refueling Outage
3.1.16 Portable Ventilation Equipment. . . . .	.End of 1978
3.1.17 Insulation of Pipes . . . . .	.End of 1979 Refueling Outage
3.1.18 Diesel Generator Room Ventilation Fans. . . . .	.End of 1979 Refueling Outage
3.1.19 Computer Tape Storage Cabinet . . . . .	.End of 1978
3.1.20 Control Room Kitchen. . . . .	.End of 1979 Refueling Outage
3.1.21 Lube Oil Shielding System . . . . .	.October 31, 1980
3.1.22 Sound Powered Telephone Cable . . . . .	.End of 1979 Refueling Outage
3.1.23 Battery Room Ventilation Air Flow Monitor . . . . .	.October 1979
3.1.24 Electrical Cable Penetrations . . . . .	.End of 1979 Refueling Outage
3.1.25 Diesel Generator Fuel Supply. . . . .	.July 1978
3.1.26 Diesel Room Fire Door . . . . .	.End of 1979 Refueling Outage
3.1.27 Diesel Room Floor Drain Backflow Prevention . . . . .	.End of 1979 Refueling Outage

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NO. 50-261CAROLINA POWER AND LIGHT COMPANYNOTICE OF ISSUANCE OF AMENDMENT TO FACILITY OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 40 to Facility Operating License No. DPR-23, issued to Carolina Power & Light Company (the licensee), which amended the license for operation of the H. B. Robinson Steam Electric Plant, Unit No. 2 (the facility) located in Darlington County, Hartsville, South Carolina. The amendment is effective as of its date of issuance.

The amendment consists of a change to the license which adds a phrase to the Fire Protection license condition specifying that the licensee will complete the modifications identified in Paragraphs 3.1.1 through 3.1.27 of the NRC's Fire Protection Safety Evaluation (SE) dated February 28, 1978. In addition, the Commission has issued Supplement No. 1 to the Fire Protection Safety Evaluation which authorizes a limited extension of the completion dates for certain plant modifications which we have required at H. B. Robinson Unit No. 2.

The application for amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment was not required since the amendment does not involve a significant hazards consideration.

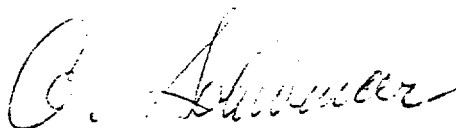
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The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR 51.5(d)(4) an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of this amendment.

For further details with respect to this action, see (1) the application for amendment dated April 18, 1979, and the licensee's letter dated April 27, 1979, (2) Amendment No. 40 to License No. DPR-23, (3) the Commission's related Supplement No. 1 to the Safety Evaluation, and (4) Amendment No. 31 and its related Fire Protection Safety Evaluation dated February 28, 1978. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C. and at the Hartsville Memorial Library, Home and Fifth Avenues, Hartsville, South Carolina 29550. A copy of items (2), (3) and (4) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Director, Division of Operating Reactors.

Dated at Bethesda, Maryland, this 4th day of September, 1979.

FOR THE NUCLEAR REGULATORY COMMISSION



A. Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors